

Title (en)

Heating apparatus for automotive vehicle

Title (de)

Kraftfahrzeug- Heizanlage

Title (fr)

Installation de chauffage pour véhicule automobile

Publication

EP 0826530 B1 20030226 (EN)

Application

EP 97306581 A 19970828

Priority

- JP 23076296 A 19960830
- JP 21230797 A 19970806

Abstract (en)

[origin: EP0826530A2] A heating apparatus for an automotive vehicle in which a rotor (21), driven by power applied from the prime mover, is enclosed in an operation chamber (R1) containing viscous fluid. A hydraulic control mechanism (40) is used for charging and discharging the viscous fluid in the operation chamber (R1) and its operation is dependent on the temperature of the cooling water. A water jacket (35,36) stores the cooling water and transfers shearing heat caused by rotation of the rotor (21) from the viscous fluid to the cooling water. In the heating apparatus, a rotary accessory device (B) such as a hydraulic pump, a compressor, a water pump or the like is driven by power applied from the prime mover of the vehicle. <IMAGE>

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B60H 1/03

IPC 8 full level

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CPC (source: EP US)

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Cited by

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